

INTERNATIONAL SEARCH REPORT

PCT/IB 03/03492

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H03B5/12

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H03B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 706 045 A (HULL RICHARD W ET AL) 10 November 1987 (1987-11-10) the whole document	1-6
X	US 6 198 360 B1 (HENRION W S) 6 March 2001 (2001-03-06) cited in the application the whole document	1
A	WO 01 71919 A (MOTOROLA INC) 27 September 2001 (2001-09-27) the whole document	1-6

☐ Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- * & * document member of the same patent family

Date of the actual completion of the international search

17 December 2003

Date of mailing of the international search report

30/12/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Kahn, K-D

BEST AVAILABLE COPY

INTERNATIONAL SEARCH REPORT

PCT/IB 03/03492

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 4706045	A	10-11-1987	NONE		
US 6198360	B1	06-03-2001	US	6075388 A	13-06-2000
			US	6211741 B1	03-04-2001
WO 0171919	A	27-09-2001	AU	4908801 A	03-10-2001
			WO	0171919 A2	27-09-2001

BEST AVAILABLE COPY